(e) The main reasons for losses of UPSEB and its high outstanding dues to CPSUs are, *inter alia*, low plant load factor of its thermal power stations, high transmission and distribution losses, sub-optimal tariffs and high receivables from its consumers.

(f) The installed capacity of UPSEB as on 31.10.1996 was 6074 MW. During the current year from April to November, 1996, the actual generation of power plants of UPSEB was 15224 MUs and the PLF of Thermal Power Stations was 45.1%.

(g) The Uttar Pradesh Government has initiated steps to restructure its power industry including privatising distribution of power and is finalising a Bill to put in place the requisite legal changes. It has also taken in hand several steps to improve the physical and financial performance of its Electricity Board.

[English]

Demand and Supply of Power

*390. DR. KRUPASINDHU BHOI :
KUMARI FRIDA TOPNO :

Will the PRIME MINISTER be pleased to state

(a) whether the Government have made any study on the overall demand of power in the country by 2000 AD;

(b) if so, the details thereof;

(c) the estimated cost required to generate power to meet the demand by that year;

(d) whether the Government propose to seek external aid/assistance from private sector to meet the requirement of funds; and

(e) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER AND MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (DR. S. VENUGOPALACHARI) : (a) and (b). 15th Electric Power Survey has estimated the peak load and energy requirement as 90093 MW and 535903 MUs respectively in the year 2000-01.

(c) to (e). The Ninth Plan is under finalisation. The details of precise requirements of funds could be known only after the finalisation of the Ninth Plan. However, all possible sources of finances, including external assistance and investments from the private sector would need to be explored.

[English]

Price of Crude Oil

*391. SHRI SATYAJITSINH DULIPSINH GAEKWAD : Will the PRIME MINISTER be pleased to state :

(a) the price of crude oil in the international market during the last six months, month-wise;

(b) the impact of higher international crude oil prices on indigenous prices of petroleum products and oil pool account deficit;

(c) whether the Government propose to move from administered price mechanism to market driven prices of petroleum products; and

(d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI T.R. BAALU): (a) Prices of oil in the international market are highly volatile and are subject to wide fluctuations. The monthly average price of market crude oils (Dubai, Oman, Dated Brent and WTI) in the international market for the last six months i.e. from June, 1996 to November, 1996 month-wise, based on Plants crude oil marketwise are furnished hereunder :

(Figures in $/bbl)

	Dubai	Oman	Brent	WTI
June, 1996	17.25	17.65	18.43	20.45
July, 1996	17.79	18.49	19.64	21.33
August, 1996	18.64	19.28	20.56	21.93
September, 1996	20.42	20.95	22.64	23.92
October, 1996	21.76	22.12	24.16	24.90
November, 1996	20.94	21.39	22.69	23.72

(b) The cumulative outstandings of the oil companies from the oil pool account are estimated to rise to Rs. 15.500 crores by 31.3.97.

(c) and (d). A 'Strategic Planning Group' on restructuring of the National Oil Industry with members comprising of tup management from public and private sector and leading experts from academic and research institutes, was formed. The Group has submitted its report.

[Translation]

Private Power Projects

*392. SHRI GANGA CHARAN RAJPUT : Will the PRIME MINISTER be pleased to state :

(a) the number of multinational companies from which proposals have been received for setting up of power projects in the country so far;

(b) whether the Government are considering to set up some such power project in the backward areas of the country;

(c) if so, the details thereof, State-wise and location-wise; and

(d) the time by which these projects are likely to be implemented?

THE MINISTER OF STATE IN THE MINISTRY OF POWER AND MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (DR. S. VENUGOPALACHARI) : (a) to (d). As on date, 57 proposals involving foreign investment (including investment by multinational companies) on the Memoranda of Understanding/Letter of Intent, etc., route costing more than Rs 100 crores and on the competitive bidding route costing more than Rs. 1000 crores, have been received for setting up power projects in the private sector. The details of the projects are given in the enclosed Statement. The location of a power project is determined keeping in view certain essential techno-economic criteria such as distance from source of fuel, transportation of fuel, water availability, feasibility of establishing the project from environmental and forest aspects, feasibility of power evacuation to the load centre etc. A private power project being set up by an Indian or a foreign company has to obtain various clearances from State and Centrai Agencies. The company has also has to tie up finances from Indian financial institutions/foreign lenders, etc. This is a time consuming process and specific commissioning schedules for setting up the projects can be determined only after the companies achieve financial closure. However, out of the 16 projects involving foreign investment that has also been cleared by CEA, two projects have been partially commissioned.

STATEMENT

Tentatives Details of Expression of Interests by Foreign Private Companies As on : 17/12/96

S.No.	Name of Project		Capacity (MW)	Name of Company
1	2		3	4
ANDHRA PRADESH				
1.	Godavari GBTP		208 MW	Spectrum Tech. USA/Jaya Foods and NTPC
2.	Jegurupadu GBPP		216 MW	GVK Industries Ltd., USA
3.	Krishnapatnam 'B' TPS		500 MW	Besicorp Int. Power, USA
4.	Vishakhapatnam TPS		2x520 MW	M/s. Hinduja National Power Corporation Limited, U.K.
	Total	4	1964.00	
BIHAR				
5.	Jojobera		3x67.5 MW	Tata Steel/Nission Energy, USA
	Total	1	202.50	
DELHI				
6.	Bawana GBPP		800 MW	Reliance Industries Ltd.
7.	New Delhi TPS		300 MW	M/s. JMC Development, USA/Apollo Hospitals
	Total	2	1100.00	
GUJARAT				
8.	Hazira CCPP		1x515 MW	M/s. ESSAR Power Ltd., Mauritius
9.	Jamnagar		2x250 MW	Reliance Power Ltd.
10.	Paguthan GBPP		655 MW	Gujarat Torent Energy Corpn. Ltd./ Siemens, German
	Total	3	1670.00	

1	2		3	4
H. PRADESH				
11.	Dhamwari HEP		70 MW	M/s. Dhamwari Power Co., USA
12.	Hibra HEP		231 MW	Harza Engineering Company, U.S.A.
	Total	2	301.00	
HARYANA				
13.	Yamuna Nagar TPS		2x350 MW	Eisebberg Group of Co. Israel.
	Total	1	700.00	
KARNATAKA				
14.	Almatti N. Thanmakal		1107 MW	M/s. Chamundi Power Comp. Ltd., USA
15.	Ankola Komta (Hospet)		2x250 MW	Deccan Power Corpn. Ltd., USA
16.	Bangalore		500 MW	NRI Capital Corporation, USA
17.	Bangalore CCPP		100 MW	M/s. Peenya Power Company Ltd., USA
18.	Dharwad TPS		300 MW	Chalais Holding, U.K.
19.	Mangalore TPS		4x250 MW	Mangalore Power Comp. Ltd. (Promoted by M/s. Cogentrix Inc, USA)
20.	Nanjangudua		110 MW	Independent Power Services Company, USA
21.	Torangallu		2x130 MW	Jindal/Tractbel Power Comp. Ltd., Belgium
	Total	8	3877.00	
KERALA				
22.	Kasargod		500 MW	Finolex Energy Corporation Ltd., UK/USA
23.	Kasargod TPC		2x389 MW	M/s Kasargod Power Corporation Ltd.
24.	Palakkad		344 MW	Palakkad Power Generating Co./Ensearch Intl. Ltd. USA.
25.	Vypeen		650 MW	Siasin Energy Pvt. Ltd., USA
	Total	4	2272.00	
M. PRADESH				
26.	Bhander Duel Fuel TPS		330 MW	ESSAR Inv. Ltd., Bombay (M/s. CIPL), Mauritius
27.	Bhilai TPS		2x250 MW	Joint Venture of SAIL, L and T, CEA. (USA)
28.	Bina TPS		2x250 MW	M/s. Bina Power Supply Co. Ltd. (M/s. Grasim Ind. Ltd.), UK
29.	Guna Duel Fuel TPS		3x110+1x110 MW	M/s STI, Indore, USA
30.	Gwalior II (Diesel) PP		8x15 MW	M/s. Gwalior Power Co. Ltd. (Wartsila Diesel Finland)
31.	Jhabua		330 MW	M/s. Kedia Dostellerves Ltd.
32.	Korba East TPS		2x535 MW	Daewoo Corporation South Korea
	Maheshwar HEP		10x40 MW	M/s. Shree Maheshwar Hydel Power Corpn. Ltd., U.S.A.

1	2		3	4
34.	Narsinghpur		150 MW	M/s. Global Boards Ltd., USA
35.	Pench TPS		2x262.5 MW	Suros Fund Management, USA
	Total	10	4755.00	
MAHARASHTRA				
36.	Bhadrawati TPS (St. 1 and 2)		2x536 MW	Ispat Alloys Ltd/ECGD, UK/EDF France
37.	Dabhol CCGT (LNG)		2015 MW	Enron Dev. Corpn., GE and Bechtel, USA
38.	Khaperkheda Units 3 and 4		2x250 MW	M/s. Ballarpur Industries Ltd.
39.	Patalganga GBPP		410 MW	Reliance Industries Ltd.,
	Total	4	3997.00	
ORISSA				
40.	Bomlai TPS		500 MW	Galaxy Power Co., USA and Indeck of Chicago
41.	Duburi TPS		2x250 MW	Kalinga Power Corporation (NE Power, USA)
42.	Hirma-TPS ST-I		6x660 MW	M/s. CEPA, Hong Kong
43.	IB Valley TPS-Unit 3 and 4		420 MW	IB Valley Corporation, USA
44.	Lapanga TPS		500 MW	Samlai Power (Lapanga) Company Ltd., USA
	Total	5	5880.00	
TAMIL NADU				
45.	Basin Bridge Stage-II		4x50 MW	G M R Vasavi Power Corporation Ltd
46.	Cuddalore TPS		2x660 MW	Cuddalore Power Company Ltd.
47.	Jayamkondam Lignite PP		1500 MW	M/s. Jayamkondam Lignite Power Corporation. Limited, Germany
48.	North Madras II		2x525 MW	Videocon Power Ltd./Edison Mission Energy, USA
49.	Pillai Peru Malnallur		330.5 MW	Dyna Vision of Reddy Group/J. Makowski/ P. Vijayakumar Reddy
50.	Zero Unit (NLC)		250 MW	ST Power Systems Inc., USA
	Total	6	4650.50	
UTTAR PRADESH				
51.	Anpara 'C'		1000 MW	M/s. Hyundai Heavy Industries Co. Ltd. of Korea
52.	Jawaharpur TPS		800 MW	Pacific Electric Power Dev. Corpn., Canada
53.	Partapur		2000 MW	M/s. ISN International, USA
54.	Rosa TPS		2x283.5 MW	Indo-Gulf Fertilizers and Chemicals India and Power Gen. Plc., UK
	Total	4	4367.00	

1	2		3	4
WEST BENGAL				
55.	Ballagarh TPS		2x250 MW	Balagarh Power Co. Ltd. (CESC/ADB/TFC), USA
56.	Gouripore TPS		2x75 MW	Gouripore Power Comp. Ltd. Calcutta
57.	Sagardighi TPS		2x500 MW	DCL Kuljiam Corpn. CMS Generation, USA
	Total	3	1650.00	
	G.Total	57	37386.00	

[English]

Cauvery Off-shore Structure

*393. SHRI NAND KUMAR SAI Will the PRIME MINISTER be pleased to state :

(a) the steps taken for development of off-shore structures in the Cauvery basin during the last three years and the current year;

(b) whether the work in this regard is progressing as per schedule; and

(c) if so, the details thereof and if not, the steps being taken to expedite the work therein?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI T.R. BAALU): (a) Government of India has awarded the following Production Sharing Contracts falling in Cauvery Offshore Basin for development :

(i) PY-3 (as part the offshore exploration block CY-OS-90/1) to the consortium of HOEC, India, Vaalco Energy Inc., USA, Tata Petrodyne, India and ONGC.

(ii) PY-I field to the consortium of Mosbacher Inc., USA, HOEC, India and Petrodyne, USA.

(b) and (c). Appraisal of PY-3 field has been carried out. However, the work after the appraisal stage has been delayed because of some unexpected results from drilling of the first well. The data was reviewed and after review it was decided to go ahead with the development plan.

In the case of PY-I field the drilling of appraisal well under Phase I could not be undertaken within the stipulated time because of non-availability of a rig. All efforts are being made by the contractor to mobilise a rig at the earliest.

Demand of Diesel

*394. SHRI ANANT KUMAR HEGDE : Will the PRIME MINISTER be pleased to state :

(a) the current demand of diesel in agricultural, transport and industrial sector respectively;

(b) the share of indigenous sources in meeting the current demand of diesel, and

(c) whether the country can be self-sufficient in production of diesel in foreseeble future?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI T.R. BAALU): (a) The consumption of HSD during 1995-96 was 32.25 MMT, with 8.04 MMT sales through direct trade and 24.21 MMT through retail sale. End-use-wise data are not maintained.

(b) The share of indigenously produced HSD is about 64% of the total consumption during 1995-96.

(c) With the planned addition to the refining capacity, the share of indigenously produced HSD is estimated to be 78.5% of the projected demand at the end of the IX Plan (2001-02).

Fire in Oil Wells

*395. SHRI N.J. RATHWA : Will the PRIME MINISTER be pleased to state :

(a) the number of accidents of fire occurred in oil wells during the last three years, the loss suffered as a result thereof and the number of inquires initiated by the Government in this regard with the present status thereof;

(b) whether the Government have declined to make public the report of the enquiry committee constituted to ascertain the causes of fire at ONGC wells at Pasarlapudi in Krishna Godawari basin; and

(c) if so, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI T.R. BAALU): (a) During the period 1993-94 to 1995-96, there were three accidents of fire in the oil wells of ONGC and Oil India Ltd. The total loss suffered by ONGC and OIL on account of these accidents is estimated to be around Rs. 33.7 crores

The Government had set up a one-man Enquiry Committee to go into the blow out of ONGC well at